



DEPARTMENT OF BIOINFORMATICS

(UGC-INNO, DBT-BIC, DST-FIST and PURSE Sponsored Department)

ALAGAPPA UNIVERSITY

(A State University Accredited with "A+" Grade by NAAC (CGPA: 3.64) in the Third Cycle and Graded as Category-I by MHRD-UGC, 2020: QS ASIA Rank: 251-260, THE- WUR-401-500, NIRF-28)

Karaikudi-630 004, Tamil Nadu, India.



Applications are Invited for Project Scientist-I and Project Associate-I Posts under DBT - BIC in Department of Bioinformatics, Alagappa University, Karaikudi.

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| Project Title | Identification of Potent Drug for Life-Threatening Diseases Ref No. BT/PR40154/BTIS/137/34/2021 dated 31.12.2021 |
| DBT-BIC Coordinator & PI | Principal Investigator Dr. J. Jeyakanthan Professor and Head Department of Bioinformatics 4th Floor, Science Block, Karaikudi-630 004. Email: aludbibic@gmail.com |
| Project Scientist-I (One Number) | Project Scientist - I @ Rs. 56000 + 8% HRA pm. (i.e., 60480/-) - 1 (One Number) Essential Qualification & Eligibility Doctoral Degree (Ph.D) or Master's Degree in Engineering or Technology in Bioinformatics / Computational Biology / Structural Biology / Biotechnology / Biochemistry / Life Sciences from a recognized Institute / University. (Upper age limit - 35 years) Desirable Two years' experience in large-scale biological data analysis, developing bioinformatics related databases and software tools with a proven record of publications, software products in public domain, Strong programming skills in HTML, Python, Perl, MySQL and strong knowledge in Bioinformatics, Computer Aided Drug Design, Molecular Biology, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry, Plant Biotechnology, Biochemical and Biophysical Characterization. Job Roles Project Scientist will be responsible for carrying out research activities in the field of Bioinformatics, Computer Aided Drug Design, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry and Emerging computational biology technologies (nosocomial bacterial and viral pathogens). The Candidates will work in database creation (Perl, MySQL), tools generation (Python, Perl, CSS), maintain the servers in the department. The candidates will identify potent inhibitors for the targets involved in the project using various computational approaches. The candidates will also design and perform cloning, purification and structure determination of various targets from nosocomial bacterial pathogens. The candidates will also work with the PI's to create necessary infrastructure and provide information through computer support services to the national community of researchers. The candidate may be engaged in teaching/ training on the topics of Bioinformatics/ Computational biology, helping department faculty in preparing manuscripts and research grant applications/ reports from time to time as per the time scheduling advised by the Project Coordinator & PI's. |

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| <p>Position - II (One-Position)</p> | <p>Project Associate -I @ Rs. 25000 + 8% HRA pm. (i.e., 27000/-) - 1 (One Number)</p> <p>Essential Qualification & Eligibility Master's Degree in Bioinformatics/ Biochemistry/ Biotechnology/Life Sciences from a recognized Institute/ University. (Upper age limit - 35 years)</p> <p>Desirable</p> <p>One year experience in large-scale biological data analysis, developing bioinformatics related databases and software tools with a proven record of publications, software products in public domain, Strong programming skills in HTML, Python, Perl, MySQL and strong knowledge in Bioinformatics, Computer Aided Drug Design, Molecular Biology, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry, Plant Biotechnology, Biochemical and Biophysical Characterization.</p> <p>Job Roles</p> <p>Project Associate will be responsible for carrying out research activities in the field of Bioinformatics, Computer Aided Drug Design, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry and Emerging Computational technologies (nosocomial bacterial and viral pathogens). The Candidate will work in database creation (Perl, MySQL), tools generation (Python, Perl, CSS) and maintain the servers in the department. The candidate will design and perform cloning, purification and structure determination of various targets from nosocomial bacterial pathogens. The candidate will identify potent inhibitors for the targets involved in the project using various computational approaches. The candidates will also work with the PI's to create necessary infrastructure and provide information through computer support services to the national community of researchers.</p> |
| <p>Duration</p> | <p>The selected candidates will be appointed on purely temporary basis Initially for a period of 1 year and can be extended each year based on the performances (review process) of the candidates.</p> |

How to Apply

Interested candidates may apply for the positions by sending their filled in Application form in prescribed format enclosed along with the curriculum vitae. The interested candidates fulfilling the requirements can submit their hard copy of the application latest by **10th January 2023, 05.00 pm** via post to the below mentioned address and **soft copy through** email to aludbibic@gmail.com.

Note:

1. Applications are invited from Indian Nationals only for the project positions.
2. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply
3. The Hard Copy of the application along with the requisite documents via post, the envelope should be super scribed mentioning the post indented to apply without fail.

4. Interested candidates can send their filled-in Application form, Curriculum Vitae along with the copies of their educational qualification, birth and experience certificates testimonial from the Research Supervisor/Head of the Department/Institution, where last studied/employed.
5. Candidates will be shortlisted based on qualification and suitability for the project. **Only the short-listed candidates will be called for the interview.** A written screening test may be conducted if more number of applications are received.
6. Please note that no TA/DA is admissible for attending the interview.
7. Emoluments detail of research personal(s) mentioned shall be applicable only if candidate(s) met educational qualification and eligibility criteria **as per the norms of Ministry of Education - Department of Science and Technology**

Last date to Apply: 10th January 2023 (05.00 pm IST)

Postal Address and Enquiries contact

Dr. J. Jeyakanthan

Professor & Head

Project Coordinator & PI

Bioinformatics and Computational Biology

Center (DBT-BIC),

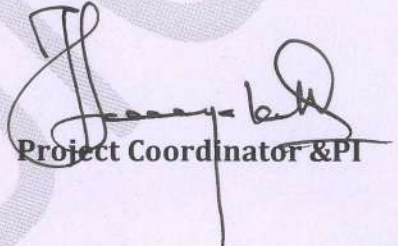
Room No. 402, 4th Floor,

Department of Bioinformatics,

Science Campus, Alagappa University, Karaikudi,

Tamilnadu

(aludbibil@gmail.com)



Project Coordinator & PI